

aquacultural engineering

Contents of Volume 16

Zeolitic products as enrichment for cultures of a marine microalga D. Voltolina, M. Nieves (Sinaloa, Mexico) and J. López Ruiz (Cadiz, Spain)	1
Design of a computerized decision support system for hatchery production management	
G. Schulstad (Alta, Norway)	7
A simulation model of ammonia dynamics in commercial catfish ponds in the southeastern United States	27
J. A. Hargreaves (Baton Rouge, LA, USA)	21
K. P. Ang and R. J. Petrell (Vancouver, B.C., Canada)	45
video techniques R. J. Petrell, X. Shi, R. K. Ward (Vancouver, B.C., Canada), A. Naiberg	
(Burnaby, B.C., Canada) and C. R. Savage (Vancouver, B.C., Canada)	63
Effect of aeration rate on growth, survival and yield of white shrimp <i>Penaeus</i> vannamei in low water exchange ponds	
L. R. Martinez-Cordova, H. Villarreal-Colmenares, M. A. Porchas-Cornejo, J. Naranjo-Paramo and A. Aragon-Noriega (Sonora, Mexico)	85
B. J. Vinci (Ithaca, NY, USA), B. J. Watten (Wellsboro, PA, USA) and M. B.	91
Timmons (Ithaca, NY, USA)	
Influence of pyrite oxidation and soil acidification on some essential nutrient elements N. V. Golez (Iloilo City, Philippines) and K. Kyuma (Kyoto, Japan)	107
Guide for Authors	125
Aquacultural Engineering Society	1
Water treatment and waste characterization evaluation of an intensive recircu-	
lating fish production system J. G. Twarowska, P. W. Westerman and T. M. Losordo (Raleigh, NC, USA) .	133
Effectiveness of grass strips to filter catfish (Ictalurus punctatus) pond effluent	
S. R. Ghate, G. J. Burtle, G. Vellidis and G. L. Newton (Tifton, GA, USA) The influence of feed protein intake on tilapia ammonia production	149
J. L. Brunty, R. A. Bucklin (Gainesville, FL, USA), J. Davis (Lake Buena Vista, FL, USA), C. D. Baird and R. A. Nordstedt (Gainesville, FL, USA)	161
J. E. Huguenin (Buzzards Bay, MA, USA)	167
Aquacultural Engineering Society	

Viability of mass algal cultures preserved by freezing and freeze-drying	005
B. Cordero (Baja California, México) and D. Voltolina (Sinaloa, México)	205
A new method for assessing fish feeding rhythms using demand feeders and automated data acquisition	
A. W. Fast, T. Qin and J. P. Szyper (Hawaii, USA)	213
Turbidity related to shrimp size in tanks with soil substrate	
G. Ritvo, A. L. Lawrence, T. M. Samocha (Port Arkansas, USA) and W. H.	
Neill (College Station, TX, USA)	221
Oxygen consumption rates of white sturgeon under commercial culture conditions	
S. L. Thomas and R. H. Piedrahita (Davis, CA, USA)	227
Performance of a commercial recirculating alligator production system employing a paddle-washed floating bead filter	
A. A. DeLosReyes Jr, K. A. Rusch and R. F. Malone (Baton Rouge, LA, USA)	239
The electrophysiological response of fish to hypoxia	
Y. Shezifi, E. Kimmel (Haifa, Israel) and A. Diamant (Eilat, Israel)	253
Selective attraction of salmon	
J. A. Lines and A. R. Frost (Bedford, UK)	261
Contents of Volume 16	275
Aquacultural Engineering Society	1

